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Invention: SYSTEM AND METHOD FOR MAPPING A NETWORK

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Proposed Amendment to Claims

1. (Currently Amended) A system for mapping a network, comprising:

a collection system for collecting device <u>identification and detail</u> information from

devices on the network;

a timer system for collecting the device <u>identification and detail</u> information at <u>user</u>

<u>predetermined</u> scheduled times;

an analysis system for analyzing the collected device <u>identification and detail</u>

information; and

a report system for generating a mapping report based on the analyzed device

<u>identification and detail</u> information.

2. (Currently Amended) The system of claim 1, wherein the collection system comprises at least

one collection tool for collecting the device <u>identification and detail</u> information.

3. (Currently Amended) The system of claim 1, wherein the analysis system comprises rules for

resolving any conflicts between device <u>identification and detail</u> information collected by the

collection tools.

4. (Currently Amended) The system of claim 1, wherein the device <u>identification and detail</u> information includes device identity, device addresses, device characteristics, software installed on the devices, and software characteristics of the devices on the network.

5. (Original) The system of claim 4, wherein the generated mapping report includes the device types, the device addresses, the device characteristics, the software installed on the devices, and the software characteristics.

6. (Original) The system of claim 1, further comprising a permission system for gaining user access to the network.

7. (Currently Amended) A system for mapping a network, comprising:

a collection system that comprises collection tools for collecting device <u>identification and detail</u> information from devices on the network;

a timer system for collecting the device <u>identification and detail</u> information at <u>user predetermined</u> scheduled times;

an analysis system for analyzing the device <u>identification and detail</u> information, wherein the analysis system includes rules for resolving any conflicts between device <u>identification and detail</u> information collected by the collection tools; and

a report system for generating a mapping report based on the analyzed device <u>identification and detail</u> information.

8. (Currently Amended) The system of claim 7, wherein the device identification and detail information includes device identity, device addresses, device characteristics, software installed on the devices, and software characteristics for the devices on the network.

9. (Original) The system of claim 8, wherein the mapping report generated by the report system identifies the device types, the device addresses, the device characteristics, the software installed on the devices, and the software characteristics.

10. (Original) The system of claim 9, wherein the report system outputs the generated report.

11. (Original) The system of claim 7, further comprising a permission system for gaining user access to the network.

12. (Currently Amended) A method for mapping a network, comprising the steps of:

    installing collection tools on a collection apparatus;

    communicating the collection apparatus with the network;

    operating the collection tools to collect device identification and detail information from devices on the network;

    analyzing the device identification and detail information; and

    reporting the analyzed device identification and detail information.

13. (Original) The method of claim 12, wherein the collection apparatus comprises at least one processor.

14. (Currently Amended) The method of clam 12, wherein the device <u>identification and detail</u> information includes device types, device addresses, device characteristics, software installed on the devices, and software characteristics for the devices on the network.

15. (Currently Amended) The method of claim 12, wherein the analyzing step further comprises the step of resolving any conflicts between device <u>identification and detail</u> information collected by different collection tools.

16. (Currently Amended) The method of claim 12, wherein the reporting step comprises the step of generating a mapping report based on the analyzed device <u>identification and detail</u> information.

17. (Currently Amended) A program product stored on a recordable media for mapping a
network, which when executed, comprises:

a collection system for collecting device <u>identification and detail</u> information from
devices on the network;

a timer system for collecting the device <u>identification and detail</u> information at <u>user</u>
<u>predetermined</u> scheduled times;

an analysis system for analyzing the collected device <u>identification and detail</u>
information; and

a report system for generating a mapping report based on the analyzed device
<u>identification and detail</u> information.

18. (Currently Amended) The program product of claim 17, wherein the collection system
comprises at least one collection tool for collecting device <u>identification and detail</u> information.

19. (Currently Amended) The program product of claim 17, wherein the analysis system
comprises rules for resolving any conflicts between device <u>identification and detail</u> information
collecting the collection tools.

20. (Currently Amended) The program product of claim 17, wherein the device <u>identification</u>
<u>and detail</u> information includes device identity, device addresses, device characteristics, software
installed on the devices, and software characteristics of the devices on the network.

21. (Original) The program product of claim 20, wherein the generated mapping report identifies the device types, the device addresses, the device characteristics, the software installed on the devices, and the software characteristics.

22. (Original) The program product of claim 17, further comprising a permission system for gaining user access to the network and the devices.

23. (Currently Amended) A computer system for mapping a network, comprising:

a processor;

a computer system memory;

an interface; and

a software product stored on the computer system memory and executable by the processor, wherein the software product comprises:

a collection system for collecting device identification and detail information from devices on the network;

a timer system for collecting the device identification and detail information at user predetermined scheduled times;

an analysis system for analyzing the collected device identification and detail information; and

a report system for generating a mapping report based on the analyzed device identification and detail information.

24. (Currently Amended) The computer system of claim 23, wherein the collection system comprises at least one collection tool for collecting device identification and detail information.

25. (Currently Amended) The computer system of claim 23, wherein the analysis system comprises rules for resolving any conflicts between device identification and detail information collected by the collection tools.

26. (Currently Amended) The computer system of claim 23, wherein the device identification and detail information includes device identity, device addresses, device characteristics, software installed on the devices, and software characteristics of the devices on the network.

27. (Original) The computer system of claim 26, wherein the generated mapping report identifies the device types, the device addresses, the device characteristics, the software installed on the devices, and the software characteristics.

28. (Original) The computer system of claim 23, further comprising a permission system for gaining user access to the network.